



Proudly introduces Short Courses at OMAE 2011

Students will be awarded a Certificate of Completion, earning **6.5 PDH's** per day of classes taken, issued by ASME's International Petroleum Technology Institute. Each course is 8 hours in duration.

[Click here to register for one or more courses.](#)

You may register for **one course** each day,
Saturday, June 18th and Sunday, June 19th.

[Course Details](#)

June 18, 2011

Ice Engineering

Walter L. Kuehnlein, Ph.D., Managing Director, sea2ice
Ibrahim Konuk, Director of Arctic Engineering, Technip USA

- Different kinds of ice
- Ice failure modes
- Design philosophies in ice
- Overview of empirical approaches to determine ice loads
- Forces & consequences due to ice
- Ice model tests & examples
- Short introduction of theoretical ice models

Fundamentals of Model Testing

Hans Cozijn, Jaap de Wilde, Janou Hennig (MARIN)

- Wave calibration and analysis
- Current modeling and calibration
- Wind generation
- Mooring system truncation
- Model production and calibration
- Statistical analysis

June 19, 2011

Fundamentals of Deepwater Riser Engineering

Kieran Kavanagh, Group Technology Director, MCS Kenny

- Overview of riser types
- Codes of practice
- Construction and testing
- Fundamental concepts of riser engineering
- Riser design
- Riser selection
- Installation

Fundamentals of Deepwater Project Development

Frank Lim, Principal Director, 2H Offshore
Instructor TBD, Granherne

- Field development planning process
- Deepwater project development
- Introduction to floating production systems
- Overview of subsea systems
- State of the art riser technology

Fundamentals of Dynamic Positioning

Olaf Waals and Hans Cozijn (MARIN), Riaan van't Veer and Michael Gachet (Gusto MSC)

- DP system design
 - Wind, wave and current loads
 - Thruster allocation
 - Thruster interaction
 - Kalman filtering
 - Control methodology
 - Relative DP of offloading operations
 - Tools and testing
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Course Fees (in USD)

Early Bird Discounts (on or before **4/29/11**)
ASME Member Rate: Early Bird: \$1020
ASME Non-Member Rate: Early Bird: \$1140

Regular Fees (beginning **4/30/11**)
Member Rate: \$1220
Non-Member Rate: \$1340

(Fees include VAT, Professional Course
Guide, Breakfast and Lunch)

For questions, contact:
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or call (281) 493-3491

For registration, please visit
www.asme-ipti.org